

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1.-30. (Cancelled)

31. (Original) A method of installing a gravel pack in a well bore comprising the steps of:

providing resin coated particulates wherein the resin comprises a resin that does not completely cure unless it is at least one of:

exposed to a temperature above about 175°F or

exposed to an external catalyst;

providing a gravel packing fluid;

substantially slurrying the resin coated particulates in the gravel packing fluid to create a resin coated particulate slurry wherein the slurry is capable of being stored for at least 2 hours before use;

introducing the resin coated particulate mixture to the well bore such that the resin coated particulates form a gravel pack substantially adjacent to the well bore; and,

allowing the resin coated particulates to substantially cure.

32. (Currently Amended) The method of claim 31 wherein the high temperature curable resin ~~comprises~~ is selected from the group consisting of a furan-based resin, a phenolic-based resin, a high-temperature (HT) epoxy-based resin, a phenol/phenol formaldehyde/furfuryl alcohol resin, and ~~or~~ a combination thereof.

33. (Currently Amended) The method of claim 31 wherein the high temperature curable resin further ~~comprises~~ is selected from the group consisting of a hydrolyzable ester, a silane coupling agent, a surfactant, and ~~or~~ a combination thereof.

34. (Currently Amended) The method of claim 31 where in the external catalyst ~~comprises~~ is selected from the group consisting of hydrochloric acid, phosphoric acid, acetic acid, fumaric acid, sulfonic acid, and ~~or~~ combinations thereof.

35. (Currently Amended) The method of claim 31 wherein the ~~fracturing gravel packing fluid~~ comprises is selected from the group consisting of an aqueous gel, a foam, an emulsion, a crosslinked viscosified fluid, and ~~or~~ a combination thereof.

36. (Original) The method of claim 31 wherein the high temperature curable resin is coated onto the particulates on-the-fly.

37. (Original) The method of claim 31 wherein the well bore exhibits a temperature at above about 175°F.

38. (Original) The method of claim 31 wherein the subterranean formation exhibits a temperature of below about 175°F and further comprising, after the step of introducing the resin coated particulate slurry to the well bore such that the resin coated particulates form a gravel pack substantially adjacent to the well bore, the step of

placing an after-flush solution comprising an external catalyst into the well bore.

39. (Currently Amended) The method of claim 31 wherein the gravel packing fluid has an apparent viscosity (at a shear rate of 1) from about 40,000 cp to about 200,000 cp; a ~~M~~maxwellian ~~S~~stress ~~R~~elaxation of from about 1 to about 3 minutes; and a ~~M~~maxwellian ~~E~~quilibrium ~~L~~imit from about 0.035 to about 0.1.

40. (Currently Amended) A method of installing a gravel pack in a well bore comprising the steps of:

providing tackifier ~~tackifier~~ coated particulates;

providing a gravel packing fluid;

substantially slurring the tackifier ~~tackifier~~ coated particulates in the gravel packing fluid to create a tackifier ~~tackifier~~ coated particulate slurry wherein the slurry is capable of being stored for at least 2 hours before use; and,

introducing the tackifier ~~tackifier~~ coated particulate slurry to the well bore such that the tackifier ~~tackifier~~ coated particulates form a gravel pack substantially adjacent to the well bore.

41. (Currently Amended) The method of claim 40 wherein the tackifier ~~tackifier~~ ~~comprises~~ is selected from the group consisting of a polyamide, a polyester, a polycarbonate, polycarbamate, a natural resin, and ~~or~~ a combination thereof.

42. (Currently Amended) The method of claim 40 wherein the ~~fracturing~~ gravel packing fluid ~~comprises~~ is selected from the group consisting of an aqueous gel, a foam, an emulsion, a crosslinked viscosified fluid, and ~~or~~ a combination thereof.

43. (Currently Amended) The method of claim 40 wherein the tackifier ~~tackifier~~ is coated onto the particulates on-the-fly.

44. (Currently Amended) The method of claim 40 further comprising the step of:
combining the tackifier ~~tackifier~~ coated particulates with a multifunctional material before the step of:

substantially suspending the tackifier ~~tackifier~~ coated particulates in a servicing fluid to create a tackifier ~~tackifier~~ coated particulate slurry wherein the slurry is capable of being stored for at least 2 hours before use.

45. (Currently Amended) The method of claim 40 ~~44~~ wherein the multifunctional material ~~comprises~~ is selected from the group consisting of an ~~and~~ aldehyde; a dialdehyde; a hemiacetal; an aldehyde releasing compound; a diacid halide; a dihalide; a polyacid anhydride; an epoxide; furfuraldehyde, glutaraldehyde or aldehyde condensates; and ~~or~~ combinations thereof.

46. (Currently Amended) The method of claim 40 wherein the gravel packing fluid has an apparent viscosity (at a shear rate of 1) from about 40,000 cp to about 200,000 cp; a ~~M~~maxwellian ~~S~~stress ~~R~~relaxation of from about 1 to about 3 minutes; and a ~~M~~maxwellian ~~E~~equilibrium ~~L~~limit from about 0.035 to about 0.1.